

CLAIMS

Having described my invention, I claim:

1. A method for creating a termination affixed to a length of strands of a cable, comprising:
 - a. providing a shell made of a first material, wherein said shell includes a passage;
 - b. providing a potting compound which is initially in a liquid state but which will harden into a solid state over time;
 - c. placing said length of strands within said passage in said shell;
 - d. at some point infusing said length of strands with said potting compound in said liquid state;
 - e. allowing said potting compound to harden into said solid state while said length of strands lie within said passage, thereby bonding said length of strands to said shell;
 - d. placing said length of strands and said shell into a mold; and
 - e. molding a molded anchor made of a second material having properties different from said first material around said length of strands and said shell to form a completed termination.
2. A method as recited in claim 1, further comprising providing a mechanical interlocking feature on said shell so that when said molded anchor is molded around said shell said molded anchor will be mechanically locked to said shell.
3. A method as recited in claim 2, wherein said mechanical interlocking feature comprises a concave region.

4. A method as recited in claim 2, wherein said mechanical interlocking feature comprises an external thread.
5. A method as recited in claim 2, wherein said mechanical interlocking feature comprises a serration.
6. A method as recited in claim 1, wherein said molded anchor is molded over a portion of all the external surfaces of said shell in order to mechanically interlock with said shell.
7. A method as recited in claim 1, further comprising providing said shell with a cable shield flange positioned to prevent contact between said molded anchor and said cable.
8. A method as recited in claim 6, further comprising providing said shell with a cable shield flange positioned to prevent contact between said molded anchor and said cable.
9. A method as recited in claim 1, further comprising providing a separate cable shield flange positioned to prevent contact between said molded anchor and said cable.
10. A method as recited in claim 1, further comprising providing a separate cable shield flange positioned to prevent contact between said molded anchor and said cable.

11. A method for creating a termination affixed to a length of strands of a cable, comprising:
 - a. providing a potting compound which is initially in a liquid state but which will harden into a solid state over time;
 - b. placing said length of strands into a first mold;
 - c. at some point infusing said length of strands with said potting compound in said liquid state;
 - d. allowing said potting compound to harden into said solid state while said length of strands lie within said first mold, thereby forming a molded region containing said length of strands and said hardened potting compound;
 - e. placing said molded region into a second mold; and
 - f. molding a molded anchor made of a second material having properties different from said potting compound around said molded region to form a completed termination.
12. A method as recited in claim 11, further comprising providing a mechanical interlocking feature on said molded region so that when said molded anchor is molded around said molded region said molded anchor will be mechanically locked to said molded region.
13. A method as recited in claim 12, wherein said mechanical interlocking feature comprises a concave region.

14. A method as recited in claim 12, wherein said mechanical interlocking feature comprises an external thread.
15. A method as recited in claim 12, wherein said mechanical interlocking feature comprises a serration.
16. A method as recited in claim 11, wherein said molded anchor is molded over a portion of all the external surfaces of said molded region in order to mechanically interlock with said shell.
17. A method as recited in claim 11, further comprising providing said molded region with an extended portion positioned to prevent contact between said molded anchor and said cable.
18. A method as recited in claim 16, further comprising providing said molded region with an extended portion positioned to prevent contact between said molded anchor and said cable.
19. A method as recited in claim 12, wherein said mechanical interlocking feature comprises a convex region.
20. A method as recited in claim 12, wherein said mechanical interlocking feature comprises a circumferential rib.